

ABSTRACT

The invention relates to systems and methods for providing a uniform network addressing scheme for a user accessing a network that is independent from the computer to which the user accesses the network. A virtual IP address can be assigned to a user, a user session or a program the user is running that is different from the IP address of the computer of the user and different from other users. A virtual host name can be assigned to and associated with the virtual IP address of the user, user session or a program the user is running. As the user accesses the network from different computers, the user can be assigned the same virtual host name and in some cases the same virtual IP address. Furthermore, as the user access the network from multiple user sessions, the user can be assigned a virtual host name that uniquely identifies the user and the user session.